

# Water Quality Characteristics by Water Quality Zone

## December 2002

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<b>Hardness ppm</b>	1	166	172	72.7	73	249	4	44%
	2	123	118	11.8	107	141	9	10%
	3	146	124	43.7	96	214	11	30%
	4	109	97	31.2	74	154	7	29%
	5	98	99	9.9	80	119	13	10%
	6	102	103	11.2	79	116	10	11%
	7	107	110	11.3	84	124	10	11%
	8	181	191	71.3	98	289	9	39%
	9	92	89	20.2	73	126	8	22%
	10	76	76	0.8	75	77	4	1%
	System Wide	120	108	44.3	73	289	85	37%
<b>TDS ppm</b>	1	390	372	127.9	205	580	10	33%
	2	287	284	16.8	264	323	27	6%
	3	324	312	82.5	205	448	34	25%
	4	243	243	52.8	186	390	25	22%
	5	244	242	22.0	214	326	36	9%
	6	237	236	21.8	200	292	28	9%
	7	220	220	21.1	179	278	29	10%
	8	330	312	73.2	257	485	21	22%
	9	247	219	47.8	210	390	23	19%
	10	213	213	2.5	209	219	13	1%
	System Wide	268	252	69.2	179	580	246	26%
<b>Sodium ppm</b>	1	57	48	26.1	37	95	4	46%
	2	45	45	2.2	40	47	9	5%
	3	48	54	12.4	25	62	11	26%
	4	41	41	9.4	29	52	7	23%
	5	40	42	4.0	33	46	13	10%
	6	36	36	8.6	23	46	10	24%
	7	30	28	5.5	24	44	10	19%
	8	42	42	3.2	37	46	9	8%
	9	44	44	5.2	38	52	8	12%
	10	41	41	1.3	39	42	4	3%
	System Wide	41	42	10.3	23	95	85	25%

# Water Quality Characteristics by Water Quality Zone

## December 2002

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
<i>pH units</i>	1	7.5	7.5	0.32	7.1	8.1	10	4%
	2	7.9	7.9	0.24	7.4	8.3	27	3%
	3	7.6	7.6	0.18	7.3	8.0	34	2%
	4	7.7	7.9	0.26	7.1	8.0	25	3%
	5	7.8	7.9	0.35	7.2	8.5	36	5%
	6	7.3	7.7	1.85	0.8	8.2	28	25%
	7	7.8	7.8	0.15	7.6	8.2	29	2%
	8	7.7	7.7	0.26	7.3	8.1	21	3%
	9	7.7	7.8	0.25	7.1	8.0	23	3%
	10	7.6	7.6	0.18	7.4	8.0	13	2%
	System Wide	7.7	7.8	0.68	0.8	8.5	246	9%
<i>Chlorine ppm</i>	1	0.6	0.7	0.16	0.4	0.9	10	25%
	2	0.8	0.9	0.19	0.5	1.2	27	23%
	3	0.9	0.9	0.23	0.3	1.8	34	26%
	4	0.8	0.8	0.21	0.4	1.1	25	26%
	5	0.9	0.9	0.14	0.4	1.1	36	16%
	6	0.8	0.9	0.13	0.6	1.1	28	15%
	7	0.8	0.8	0.13	0.6	1.1	29	16%
	8	0.8	0.8	0.21	0.1	1.0	21	26%
	9	0.7	0.7	0.19	0.2	1.0	23	26%
	10	0.8	0.8	0.07	0.7	0.9	13	8%
	System Wide	0.8	0.8	0.18	0.1	1.8	246	22%
<i>Temperature deg C</i>	1	21.7	21.9	1.36	19.1	24.2	10	6%
	2	23.1	23.1	2.28	18.2	27.0	27	10%
	3	22.7	22.6	1.52	20.0	26.4	34	7%
	4	23.7	23.4	2.27	20.0	27.8	25	10%
	5	21.4	21.6	2.52	13.8	26.6	36	12%
	6	22.4	22.7	2.13	17.6	26.6	28	10%
	7	22.1	22.4	1.83	17.5	26.1	29	8%
	8	22.8	23.4	2.51	16.4	25.5	21	11%
	9	24.6	24.7	2.48	19.2	27.7	23	10%
	10	24.3	24.3	2.54	18.9	28.1	13	10%
	System Wide	22.8	22.8	2.35	13.8	28.1	246	10%